IN THE CLAIMS

1-44.   (Previously canceled)

45-52. (Canceled)

53.   (Previously presented) An apparatus that determines an identity of an unknown

sampled work, said apparatus comprising:

        a database to store a plurality of reference signatures of each of a plurality of

reference works wherein said plurality of reference signatures of each of said plurality of

reference works are created from a plurality of segments of said each of said plurality of

reference works having a known segment size and a known hop size, wherein said

predetermined hop size of each of said plurality of segments of said unknown sampled

work is less than said known hop size; and

        a processor coupled to the database to receive data of a said unknown sampled

work, to segment said data of said unknown sampled work into a plurality of segments

wherein each of said segments has a predetermined segment size and a predetermined

hop size, to create a plurality of signatures of said unknown sampled work based upon

said plurality of segments of said unknown sampled work, wherein each of said plurality

of signatures is of said predetermined segment size and said predetermined hop size, to

compare said plurality of signatures of said unknown sampled work to a plurality of

reference signatures of each of a plurality of reference works created from a plurality of

sample segments of each of said plurality of reference works, each of said plurality of

reference signatures of each of said plurality of reference works having a known segment

size and a known hop size wherein said predetermined hop size of said each of said plurality of segments of said unknown sampled work is less than said known hop size, and to identify said unknown sampled work is one of said reference works based upon said comparison.

54.   (Previously presented) The apparatus of claim 53, wherein said processor to create a plurality of signatures of said unknown sampled work is further to calculate segment feature vectors for each of said plurality of segments of said unknown sampled work.

55.   (Previously presented) The apparatus of claim 53, wherein said processor to create a plurality of signatures of said unknown sampled work is further to calculate a plurality of MFCCs for each said segment.

56.   (Previously presented) The apparatus of claim 53, wherein said processor to create a plurality of signatures of said unknown sampled work is further to calculate one of plurality of acoustical features selected from a group consisting of loudness, pitch, brightness, bandwidth, spectrum and MFCC coefficients for each of said plurality of segments of said unknown sampled work.

57.   (Previously presented) The apparatus of claim 53, wherein said unknown sampled work signature comprises a plurality of segments and an identification portion.

58.   (Previously presented) The apparatus of claim 53, wherein said plurality of

segments of said unknown sampled work comprise said predetermined segment size of approximately 0.5 to 3 seconds.

59.   (Previously presented) The apparatus of claim 58, wherein said predetermined hop size of said plurality of segments of said unknown sampled work signature is less than 50% of the segment size.

60.   (Previously presented) The apparatus of claim 58, wherein said predetermined hop size of each of said plurality of segments of said unknown sampled work signature is approximately 0.1 seconds.

61-68. (Canceled)